



POWER SUPPLIES

CONTROL TRANSFORMERS

E100E, E150E, E300E, E500E

DESCRIPTION

The Sola/Hevi-Duty Models E100E, E150E, E300E, and E500E are premium performance, epoxy-encapsulated control transformers used in temperature control systems and industrial applications. These transformers are able to meet high inrush loads while providing outstanding voltage regulation, more efficient (cooler) operation, and simple installation and wiring. They are designed to provide 24 VAC control voltage from a 120/240 VAC primary supply.

FEATURES

- **Precise spacing between interleaved windings for maximized voltage regulation**
- **Oversized copper windings contribute to low temperature rise**
- **Solid epoxy-encapsulation to dissipate heat efficiently and completely seal coil against moisture, dirt, and other airborne contaminants**
- **Ten year warranty**

**SOLA/
HEVI-DUTY**



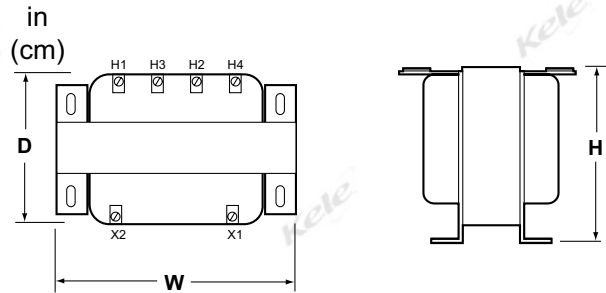
E100E



SPECIFICATIONS

Primary Voltage	120/240 VAC, 50/60 Hz
Secondary Voltage	24 VAC
VA Rating	100 VA, 150 VA, 300 VA, 500 VA
Insulation Class	221°F (105°C)
Terminals	Plated brass binder head screws
Temperature Rise	131°F (55°C)
Mounting	Slotted feet
Weight	E100E: 4.2 lb (1.9 Kg) E150E: 8.0lb (3.6 Kg) E300E: 11.8 lb (5.4 Kg) E500E: 19 lb (8.6 Kg)
Approvals	UL506, UL5085-1 & 2 listed, File #E77014 CSA certified, File #LR14328-22
Warranty	10 years

DIMENSIONS

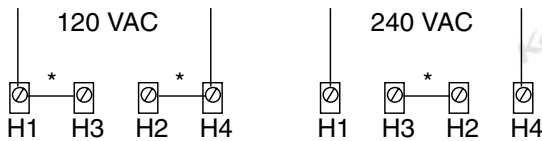


DIMENSION	MODEL			
	E100E	E150E	E300E	E500E
D	4.6 (11.7)	4.5 (11.3)	4.7 (11.8)	5.8 (14.6)
W	3.4 (8.6)	4.5 (11.4)	5.3 (13.3)	5.3 (13.3)
H	2.9 (7.5)	3.9 (9.9)	4.5 (11.5)	4.5 (11.5)

POWER SUPPLIES

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WIRING



*Jumper clips provided.

Primary Wiring

Secondary Wiring

Recommended Fuses (max amps)

E100E: FLM-5 (5 amp)

E150E: FLM-10 (10 amp)

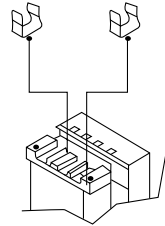
E300E: FLM-20 (20 amp)

E500E: FLM-30 (30 amp)

Field installed secondary fuse

holders (**FB2X**) are included with all transformers.

Use a 13/32" x 1-1/2" cartridge fuse.



ORDERING INFORMATION

MODEL
E100E
E150E
E300E
E500E

DESCRIPTION

Control transformer, 120/240:24V, 100 VA, FB2X Secondary fuse block included
Control transformer, 120/240:24V, 150 VA, FB2X Secondary fuse block included
Control transformer, 120/240:24V, 300 VA, FB2X Secondary fuse block included
Control transformer, 120/240:24V, 500 VA, FB2X Secondary fuse block included

IP20
SBEDIN
FB2X

ACCESSORIES

Terminal cover kit for primary and secondary side
DIN circuit breaker mounting kit (circuit breaker ordered separately)
Fuse block for secondary (replacement)